

SNOWMOBILE SUSPENSION SYSTEM

Abstract of the Disclosure

A snowmobile includes a quadrilateral linkage system formed between a vehicle body frame, a front torque arm assembly, a rear torque arm assembly, and an extendable member. The four-node linkage is coupled with at least one slide rail to provide for the vertical distance between the vehicle body frame and the at least one slide rail to vary. The nodes of the four-node linkage are configured to generally define a quadrilateral shape in at least fully contracted and fully expanded configurations.

PATENT

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